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(54) PRODUCTION OF SPHINGOSINE DERIVATIVE

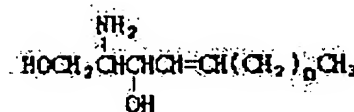
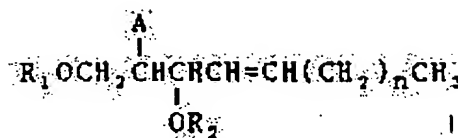
(57)Abstract:

NEW MATERIAL: The compound of formula I (R1 is H, acyl, glycosyl or phosphoric acid ester residue; R2 is H, acyl or glycosyl; A is (substituted) amino or azido; n is 10W14; excluding the compounds corresponding to known substances).

EXAMPLE: (2S, 3R)-2-acetamido-1,3-dihydroxy-4-cis-octadecene.

USE: Carcinostatic agent.

PREPARATION: The compound of formula I can be produced by acylating the amino group of the compound of formula II. The introduction of these groups is carried out by reacting with corresponding carboxylic acid (e.g. acetic acid), acid anhydride (e.g. acetic anhydride) or acid chloride (e.g. acetyl chloride). For example, N-bydroxy-5-norbornene-2,3-dicarboximide is preferably used in the acylation by carbodiimide process and, in the case of acylation with acid anhydride, the reaction is preferably carried out in an alcoholic solvent.



LEGAL STATUS

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